

13. (thrice amended) A nuclear reactor comprising:

a primary containment vessel;

a reactor pressure vessel positioned in said primary containment vessel; and

a reactor servicing platform comprising:

a frame comprising a plurality of interconnected beams;

a support structure attached to said frame;

a floor attached to a top of said frame, said floor comprising a reactor access opening sized to permit access to said reactor pressure vessel; and

at least one auxiliary platform extending into said access opening, said at least one auxiliary platform movable along a perimeter of said access opening of said floor.

24. (thrice amended) A method of servicing a nuclear reactor during a reactor outage, the reactor comprising a primary containment vessel and a reactor pressure vessel positioned in the primary containment vessel, said method comprising:

positioning a servicing platform above the reactor pressure vessel, the servicing platform comprising a frame comprising a plurality of interconnected beams, a support structure attached to the frame, a floor attached to a top of the frame, the floor comprising a reactor access opening sized to permit access to the reactor pressure vessel, and at least one auxiliary platform extending into the access opening, the at least one auxiliary platform movable along a perimeter of the access opening of the floor; and

performing predetermined servicing operations on the reactor.

BEST AVAILABLE